

Pt. 63, Subpt. LLLLL, Table 4

40 CFR Ch. I (7–1–11 Edition)

| For— | You must— | Using— | According to the following requirements— |
|---|---|--|---|
| 11. Each combustion device. | Establish a site-specific combustion zone temperature limit. | Data from the CPMS and the applicable performance test method(s). | You must collect combustion zone temperature data every 15 minutes during the entire period of the initial 3-hour performance test, and determine the average combustion zone temperature over the 3-hour performance test by computing the average of all of the 15-minute readings. |
| 12. Each control device used to comply with the particulate matter emission standards. | Establish a site-specific inlet gas temperature limit; and establish a site-specific limit for the pressure drop across the device. | Data from the CPMS and the applicable performance test method(s). | You must collect the inlet gas temperature and pressure drop ^b data every 15 minutes during the entire period of the initial 3-hour performance test, and determine the average inlet gas temperature and pressure drop ^c over the 3-hour performance test by computing the average of all of the 15-minute readings. |
| 13. Each control device other than a combustion device or device used to comply with the particulate matter emission standards. | Establish site-specific monitoring parameters. | Process data and data from the CPMS and the applicable performance test method(s). | You must collect monitoring parameter data every 15 minutes during the entire period of the initial 3-hour performance test, and determine the average monitoring parameter values over the 3-hour performance test by computing the average of all of the 15-minute readings. |
| 14. Each flare used to comply with the THC percent reduction or PM emission limits. | Assure that the flare is operated and maintained in conformance with its design. | The requirements of § 63.11(b). | |

^a As specified in § 63.8687(e), you may request that data from a previously-conducted emission test serve as documentation of conformance with the emission standards and operating limits of this subpart.

^b Performance tests are not required if: (1) The emissions are routed to a boiler or process heater with a design heat input capacity of 44 MW or greater; or (2) the emissions are introduced into the flame zone of a boiler or process heater.

^c As an alternative to monitoring the pressure drop across the control device, owners or operators using an ESP to achieve compliance with the emission limits specified in Table 1 of this subpart can monitor the voltage to the ESP.

TABLE 4 TO SUBPART LLLLL OF PART 63—INITIAL COMPLIANCE WITH EMISSION LIMITATIONS

| For— | For the following emission limitation— | You have demonstrated initial compliance if— |
|---|--|---|
| 1. Each blowing still, Group 1 asphalt loading rack, and Group 1 asphalt storage tank, at existing, new, and reconstructed asphalt processing facilities. | <p>a. Reduce total hydrocarbon mass emissions by 95 percent or to a concentration of 20 ppmv, on a dry basis corrected to 3 percent oxygen.</p> <p>b. Route the emissions to a combustion device achieving a combustion efficiency of 99.5 percent.</p> <p>c. Route the emissions to a combustion device that does not use auxiliary fuel achieving a THC destruction efficiency of 95.8 percent.</p> <p>d. Route emissions to a boiler or process heater with a design heat input capacity of 44 MW or greater.</p> | <p>i. The total hydrocarbon emissions, determined using the equations in § 63.8687 and the test methods and procedures in Table 3 to this subpart, over the period of the performance test are reduced by at least 95 percent by weight or to a concentration of 20 ppmv, on a dry basis corrected to 3 percent oxygen; and</p> <p>ii. You have a record of the average control device operating parameters^a over the performance test during which emissions were reduced according to 1.a.i. of this table.</p> <p>i. The combustion efficiency of the combustion device, determined using the equations in § 63.8687 and the test methods and procedures in Table 3 to this subpart, over the period of the performance test is at least 99.5 percent; and</p> <p>ii. You have a record of the average combustion zone temperature^a and carbon monoxide, carbon dioxide, and total hydrocarbon outlet concentrations over the performance test during which the combustion efficiency was at least 99.5 percent.</p> <p>i. The THC destruction efficiency of the combustion device, determined using the equations in § 63.8687 and the test methods and procedures in Table 3 to this subpart, over the period of the performance test is at least 95.8 percent; and</p> <p>ii. You have a record of the average combustion zone temperature^a and carbon monoxide, carbon dioxide, and total hydrocarbon outlet concentrations over the performance test during which the THC destruction efficiency was at least 95.8 percent.</p> <p>You have a record of the boiler or process heater design heat capacity.</p> |

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| For— | For the following emission limitation— | You have demonstrated initial compliance if— |
|---|--|--|
| <p>2. Each coating mixer, saturator (including wet looper), coater, sealant applicator, adhesive applicator, and Group 1 asphalt storage tank at new and reconstructed asphalt roofing manufacturing lines.</p> | <p>e. Introduce the emissions into the flame zone of a boiler or process heater.</p> <p>f. Route emissions to a flare meeting the requirements of § 63.11(b).</p> <p>a. Reduce total hydrocarbon mass emissions by 95 percent or to a concentration of 20 ppmv, on a dry basis corrected to 3 percent oxygen.</p> <p>b. Route the emissions to a combustion device achieving a combustion efficiency of 99.5 percent.</p> <p>c. Route the emissions to a combustion device that does not use auxiliary fuel achieving a THC destruction efficiency of 95.8 percent.</p> <p>d. Route emissions to a boiler or process heater with a design heat input capacity of 44 MW or greater.</p> <p>e. Introduce the emissions into the flame zone of a boiler or process heater.</p> <p>f. Route emissions to a flare meeting the requirements of § 63.11(b).</p> | <p>You have a record that shows the emissions are being introduced into the boiler or process heater flame zone.</p> <p>You have a record of the flare design and operating requirements.</p> <p>See 1.a.i. and ii. of this table.</p> <p>See 1.b.i. and ii. of this table.</p> <p>See 1.c.i. and ii. of this table.</p> <p>See 1.d. of this table.</p> <p>See 1.e. of this table.</p> <p>See 1.f. of this table.</p> |
| <p>3. The total emissions from the coating mixer, saturator (including wet looper), coater, sealant applicator, and adhesive applicator at each existing asphalt roofing manufacturing line.</p> | <p>a. Limit PM emissions to 0.04 kg/Mg (0.08 lb/ton) of asphalt shingle or mineral-surfaced roll roofing produced.</p> <p>b. Limit PM emissions to 0.4 kg/Mg (0.8 lb/ton) of saturated felt or smooth-surfaced roll roofing produced.</p> | <p>i. The PM emissions, determined using the equations in § 63.8687 and the test methods and procedures in Table 3 to this subpart, over the period of the performance test are no greater than the applicable emission limitation; and</p> <p>ii. You have a record of the average control device^a or process parameters over the performance test during which the particulate matter emissions were no greater than the applicable emission limitation.</p> <p>See 3.a.i. and ii. of this table.</p> |
| <p>4. Each saturator (including wet looper) and coater at an existing, new, or reconstructed asphalt roofing manufacturing line.</p> | <p>a. Limit visible emissions from the emissions capture system to 20 percent of any period of consecutive valid observations totaling 60 minutes.</p> <p>b. Limit opacity emissions to 20 percent.</p> | <p>The visible emissions, measured using EPA test method 22, for any period of consecutive valid observations totaling 60 minutes during the initial compliance period described in § 63.8686(b) do not exceed 20 percent.</p> <p>The opacity, measured using EPA test method 9, for each of the first 30 6-minute averages during the initial compliance period described in § 63.8686(b) does not exceed 20 percent.</p> |
| <p>5. Each Group 2 asphalt storage tank at existing, new, and reconstructed asphalt processing facilities and asphalt roofing manufacturing lines.</p> | <p>Limit exhaust gases to 0 percent opacity.</p> | <p>The opacity, measured using EPA test method 9, for each of the first 30 6-minute averages during the initial compliance period described in § 63.8686(b) does not exceed 0 percent.</p> |

^a If you use a CEMS or COMS to demonstrate compliance with the emission limits, you are not required to record control device operating parameters.